

## One-Dimensional Grids

### Case 1

$$\text{NS} = [ 5 , 1 ]$$

$$\text{RES} = [ 0.1 , 0.2 ]$$

$$\text{BC} = [ 0 , 0 ]$$

$$\text{DEX} =$$

$$\begin{bmatrix} -10 & 10 & 0 & 0 & 0 \\ 0 & -10 & 10 & 0 & 0 \\ 0 & 0 & -10 & 10 & 0 \\ 0 & 0 & 0 & -10 & 10 \\ 0 & 0 & 0 & 0 & -10 \end{bmatrix}$$

$$\text{DEY} =$$

$$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \end{bmatrix}$$

$$\text{DHX} =$$

$$\begin{bmatrix} 10 & 0 & 0 & 0 & 0 \\ -10 & 10 & 0 & 0 & 0 \\ 0 & -10 & 10 & 0 & 0 \\ 0 & 0 & -10 & 10 & 0 \\ 0 & 0 & 0 & -10 & 10 \end{bmatrix}$$

$$\text{DHY} =$$

$$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 \end{bmatrix}$$

## Case 2

NS = [ 1 , 5 ]  
 RES = [ 0.1 , 0.2 ]  
 BC = [ 0 , 0 ]

DEX =

[ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]

DEY =

[ -5 5 0 0 0 ]  
 [ 0 -5 5 0 0 ]  
 [ 0 0 -5 5 0 ]  
 [ 0 0 0 -5 5 ]  
 [ 0 0 0 0 -5 ]

DHX =

[ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]  
 [ 0 0 0 0 0 ]

DHY =

[ 5 0 0 0 0 ]  
 [ -5 5 0 0 0 ]  
 [ 0 -5 5 0 0 ]  
 [ 0 0 -5 5 0 ]  
 [ 0 0 0 -5 5 ]

### Case 3

```
NS = [ 4 , 1 ]
RES = [ 0.1 , 0.2 ]
BC = [ -2 , -2 ]
kinc = [ 2.2214 , 4.4429 ]
```

DEX =

```
[      -10      10      0      0 ]
[      0     -10     10      0 ]
[      0      0    -10     10 ]
[ 6.3+7.8i      0      0    -10 ]
```

DEY =

```
[ 0+4.4i      0      0      0 ]
[      0 0+4.4i      0      0 ]
[      0      0 0+4.4i      0 ]
[      0      0      0 0+4.4i ]
```

DHX =

```
[      10      0      0 -6.3+7.8i ]
[     -10     10      0      0 ]
[      0     -10     10      0 ]
[      0      0     -10     10 ]
```

DHY =

```
[ 0+4.4i      0      0      0 ]
[      0 0+4.4i      0      0 ]
[      0      0 0+4.4i      0 ]
[      0      0      0 0+4.4i ]
```

### Case 4

```

NS   = [ 1 , 4 ]
RES  = [ 0.1 , 0.2 ]
BC   = [ -2 , -2 ]
kinc = [ 2.2214 , 4.4429 ]
    
```

DEX =

```

[ 0+2.2i    0    0    0 ]
[    0 0+2.2i    0    0 ]
[    0    0 0+2.2i    0 ]
[    0    0    0 0+2.2i ]
    
```

DEY =

```

[   -5    5    0    0 ]
[    0   -5    5    0 ]
[    0    0   -5    5 ]
[ -4.6-2i    0    0   -5 ]
    
```

DHX =

```

[ 0+2.2i    0    0    0 ]
[    0 0+2.2i    0    0 ]
[    0    0 0+2.2i    0 ]
[    0    0    0 0+2.2i ]
    
```

DHY =

```

[    5    0    0 4.6-2i ]
[   -5    5    0    0 ]
[    0   -5    5    0 ]
[    0    0   -5    5 ]
    
```

### Case 5

```

NS   = [ 1 , 3 ]
RES  = [ 0.2 , 0.1 ]
BC   = [ 0 , 0 ]
kinc = [ 4.4429 , 4.4429 ]
    
```

DEX =

```

[ 0+4.4429i    0          0          ]
[ 0            0+4.4429i  0          ]
[ 0            0          0+4.4429i ]
    
```

DEY =

```

[ -10   10   0 ]
[  0  -10  10 ]
[  0   0  -10 ]
    
```

DHX =

```

[ 0+4.4429i    0          0          ]
[ 0            0+4.4429i  0          ]
[ 0            0          0+4.4429i ]
    
```

DHY =

```

[ 10   0   0 ]
[ -10  10   0 ]
[  0  -10  10 ]
    
```

**Case 6**

```
NS = [ 4 , 1 ]
RES = [ 0.2 , 0.1 ]
BC = [ 0 , 0 ]
kinc = [ 5.4414 , 3.1416 ]
```

DEX =

```
[ -5    5    0    0 ]
[  0   -5    5    0 ]
[  0    0   -5    5 ]
[  0    0    0   -5 ]
```

DEY =

```
[ 0+3.1416i    0    0    0 ]
[ 0            0+3.1416i    0    0 ]
[ 0            0    0+3.1416i    0 ]
[ 0            0    0    0+3.1416i ]
```

DHX =

```
[ 5    0    0    0 ]
[ -5   5    0    0 ]
[  0   -5    5    0 ]
[  0    0   -5    5 ]
```

DHY =

```
[ 0+3.1416i    0    0    0 ]
[ 0            0+3.1416i    0    0 ]
[ 0            0    0+3.1416i    0 ]
[ 0            0    0    0+3.1416i ]
```

### Case 7

```
NS = [ 1 , 4 ]
RES = [ 0.5 , 0.9 ]
BC = [ 0 , -2 ]
kinc = [ -2.1 , 0.9 ]
```

DEX =

```
[ 0-2.1i    0      0      0      ]
[ 0         0-2.1i  0      0      ]
[ 0         0      0-2.1i  0      ]
[ 0         0      0      0-2.1i ]
```

DEY =

```
[ -1.1111      1.1111    0      0      ]
[ 0            -1.1111   1.1111  0      ]
[ 0            0         -1.1111  1.1111 ]
[ -1.1057-0.10917i  0      0      -1.1111 ]
```

DHX =

```
[ 0-2.1i    0      0      0      ]
[ 0         0-2.1i  0      0      ]
[ 0         0      0-2.1i  0      ]
[ 0         0      0      0-2.1i ]
```

DHY =

```
[ 1.1111    0      0      1.1057-0.10917i ]
[ -1.1111   1.1111  0      0      ]
[ 0         -1.1111  1.1111  0      ]
[ 0         0      -1.1111  1.1111 ]
```

## Two-Dimensional Grids

### Case 1

NS = [ 3 , 3 ]  
 RES = [ 0.5 , 0.4 ]  
 BC = [ 0 , 0 ]

DEX =

```
[ -2  2  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0 ]
[  0  0 -2  0  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0 -2  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0 -2  2 ]
[  0  0  0  0  0  0  0  0 -2 ]
```

DEY =

```
[ -2.5  0  0  2.5  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5 ]
[  0  0  0  0  0  0 -2.5  0  0 ]
[  0  0  0  0  0  0  0 -2.5  0 ]
[  0  0  0  0  0  0  0  0 -2.5 ]
```

DHX =

```
[  2  0  0  0  0  0  0  0  0 ]
[ -2  2  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  2  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  2  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0 -2  2 ]
```

DHY =

```
[  2.5  0  0  0  0  0  0  0  0 ]
[  0  2.5  0  0  0  0  0  0  0 ]
[  0  0  2.5  0  0  0  0  0  0 ]
[ -2.5  0  0  2.5  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5 ]
```



## Case 2

NS = [ 4 , 4 ]  
 RES = [ 0.5 , 0.4 ]  
 BC = [ 0 , 0 ]

DEX =

```
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2  2  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  2 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2 ]
```

DEY =

```
[ -2.5  0  0  0  2.5  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2.5  0  0  0  2.5  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2.5  0  0  0  2.5  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2.5  0  0  0  2.5  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2.5  0  0  0  2.5  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2.5  0  0  0  2.5  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2.5  0  0  0  2.5  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2.5  0  0  0  2.5  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2.5  0  0  0  2.5  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2.5  0  0  0  2.5  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2.5  0  0  0  2.5  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2.5  0  0  0  2.5 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2.5  0  0  2.5 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2.5  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2.5  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2.5 ]
```

DHX =

```
[  2  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2  2  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  2 ]
```





DEY =

[	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	]
[	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2.5	]

DHX =

[	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	]

DHY =

[	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	0	2.5	]





DEY =

```
[ -2.5  0  0  2.5  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5 ]
[  0  0  0  0  0  0 -2.5  0  0 ]
[  0  0  0  0  0  0  0 -2.5  0 ]
[  0  0  0  0  0  0  0  0 -2.5 ]
```

DHX =

```
[  2  0  2-0.38i  0  0  0  0  0  0 ]
[ -2  2  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  2  0  2-0.38i  0  0  0 ]
[  0  0  0  -2  2  0  0  0  0 ]
[  0  0  0  0  -2  2  0  0  0 ]
[  0  0  0  0  0  0  2  0  2-0.38i ]
[  0  0  0  0  0  0  -2  2  0 ]
[  0  0  0  0  0  0  0  -2  2 ]
```

DHY =

```
[ 2.5  0  0  0  0  0  0  0  0 ]
[  0  2.5  0  0  0  0  0  0  0 ]
[  0  0  2.5  0  0  0  0  0  0 ]
[ -2.5  0  0  2.5  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5 ]
```

### Case 7

```
NS = [ 3 , 3 ]
RES = [ 0.5 , 0.4 ]
BC = [ 0 , -2 ]
kinc = [ 2.2214 , 4.4429 ]
```

DEX =

```
[ -2  2  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0 ]
[  0  0 -2  0  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0 -2  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0 -2  2 ]
[  0  0  0  0  0  0  0  0 -2 ]
```

DEY =

```
[ -2.5  0  0  2.5  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5 ]
[ 1.5-2i  0  0  0  0  0 -2.5  0  0 ]
[  0 1.5-2i  0  0  0  0  0 -2.5  0 ]
[  0  0 1.5-2i  0  0  0  0  0 -2.5 ]
```

DHX =

```
[ 2  0  0  0  0  0  0  0  0 ]
[ -2  2  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  2  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  2  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0 -2  2 ]
```

DHY =

```
[ 2.5  0  0  0  0  0 -1.5-2i  0  0 ]
[  0  2.5  0  0  0  0  0 -1.5-2i  0 ]
[  0  0  2.5  0  0  0  0  0 -1.5-2i ]
[ -2.5  0  0  2.5  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5 ]
```

### Case 8

```
NS = [ 3 , 5 ]
RES = [ 0.5 , 0.4 ]
BC = [ -2 , 0 ]
kinc = [ 2.2214 , 4.4429 ]
```

DEX =

```
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[ -2-0.38i  0 -2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2-0.38i  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2 ]
```



DEY =

[	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	]
[	0	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2.5	]

DHX =

[	2	0	2-0.38i	0	0	0	0	0	0	0	0	0	0	0	0	]
[	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	2	0	2-0.38i	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	2	0	2-0.38i	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	2	0	2-0.38i	0	0	0	]
[	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2-0.38i	]
[	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	]

DHY =

[	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	]
[	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	]

### Case 9

NS = [ 3 , 5 ]  
 RES = [ 0.5 , 0.4 ]  
 BC = [ 0 , -2 ]  
 kinc = [ 2.2214 , 4.4429 ]

DEX =

```
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2  2  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2  2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  2 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2 ]
```

DEY =

```
[ -2.5  0  0  2.5  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2.5  0  0  2.5 ]
[ -2.1+1.31i  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2.1+1.31i  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2.1+1.31i  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2.1+1.31i  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2.1+1.31i  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2.1+1.31i  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2.1+1.31i  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2.1+1.31i  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2.1+1.31i  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2.1+1.31i  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2.1+1.31i  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2.1+1.31i  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2.1+1.31i  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2.1+1.31i ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2.5 ]
```

DHX =

```
[  2  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2  2  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  2  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2  2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  2 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2 ]
```

DHY =

```
[  2.5  0  0  0  0  0  0  0  0  0  0  0  2.1+1.31i  0  0 ]
[  0  2.5  0  0  0  0  0  0  0  0  0  0  0  2.1+1.31i  0 ]
[  0  0  2.5  0  0  0  0  0  0  0  0  0  0  0  2.1+1.31i ]
[ -2.5  0  0  2.5  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2.5  0  0  2.5  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2.5  0  0  2.5  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2.5  0  0  2.5  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2.5  0  0  2.5  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2.5  0  0  2.5  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2.5  0  0  2.5  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2.5  0  0  2.5  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2.5  0  0  2.5  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2.5  0  0  2.5  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2.5  0  0  2.5  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2.5  0  0  2.5 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2.5  0  2.5 ]
```



### Case 11

NS = [ 5 , 3 ]  
 RES = [ 0.5 , 0.4 ]  
 BC = [ 0 , -2 ]  
 kinc = [ 2.2214 , 4.4429 ]

DEX =

```
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2  2  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  2 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0  0 -2 ]
```

DEY =

```
[ -2.5  0  0  0  0  2.5  0  0  0  0  0  0  0  0  0 ]
[  0 -2.5  0  0  0  0  2.5  0  0  0  0  0  0  0  0 ]
[  0  0 -2.5  0  0  0  0  2.5  0  0  0  0  0  0  0 ]
[  0  0  0 -2.5  0  0  0  0  2.5  0  0  0  0  0  0 ]
[  0  0  0  0 -2.5  0  0  0  0  2.5  0  0  0  0  0 ]
[  0  0  0  0  0 -2.5  0  0  0  0  2.5  0  0  0  0 ]
[  0  0  0  0  0  0 -2.5  0  0  0  0  2.5  0  0  0 ]
[  0  0  0  0  0  0  0 -2.5  0  0  0  0  2.5  0  0 ]
[  0  0  0  0  0  0  0  0 -2.5  0  0  0  0  2.5  0 ]
[  0  0  0  0  0  0  0  0  0 -2.5  0  0  0  0  2.5 ]
[  1.5-2i  0  0  0  0  0  0  0  0  0 -2.5  0  0  0  0 ]
[  0  1.5-2i  0  0  0  0  0  0  0  0  0 -2.5  0  0  0 ]
[  0  0  1.5-2i  0  0  0  0  0  0  0  0  0 -2.5  0  0 ]
[  0  0  0  1.5-2i  0  0  0  0  0  0  0  0  0 -2.5  0 ]
[  0  0  0  0  1.5-2i  0  0  0  0  0  0  0  0  0 -2.5  0 ]
[  0  0  0  0  0  1.5-2i  0  0  0  0  0  0  0  0 -2.5  0 ]
```

DHX =

```
[  2  0  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[ -2  2  0  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0 -2  2  0  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0 -2  2  0  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0 -2  2  0  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0 -2  2  0  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0 -2  2  0  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0 -2  2  0  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0 -2  2  0  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0 -2  2  0  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0 -2  2  0  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0 -2  2  0  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0 -2  2  0  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0 -2  2  0 ]
[  0  0  0  0  0  0  0  0  0  0  0  0  0 -2  2 ]
```

DHY =

[	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	0	0	0	]
[	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	0	0	]
[	0	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	0	]
[	0	0	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	]
[	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	]
[	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	]

### Case 12

NS = [ 5 , 3 ]  
 RES = [ 0.5 , 0.4 ]  
 BC = [ -2 , -2 ]  
 kinc = [ 2.2214 , 4.4429 ]

DEX =

[	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	]
[	1.5-1.3i	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	]
[	0	0	0	0	0	1.5-1.3i	0	0	0	-2	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	]
[	0	0	0	0	0	0	0	0	0	0	1.5-1.3i	0	0	0	0	-2	]

DEY =

[	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	]
[	1.5-2i	0	0	0	0	0	0	0	-2.5	0	0	0	0	0	2.5	0	]
[	0	1.5-2i	0	0	0	0	0	0	0	-2.5	0	0	0	0	0	0	]
[	0	0	1.5-2i	0	0	0	0	0	0	0	-2.5	0	0	0	0	0	]
[	0	0	0	1.5-2i	0	0	0	0	0	0	0	-2.5	0	0	-2.5	0	]
[	0	0	0	0	1.5-2i	0	0	0	0	0	0	0	-2.5	0	0	-2.5	]

DHX =

[	2	0	0	0	-1.5-1.3i	0	0	0	0	0	0	0	0	0	0	0	]
[	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2	2	0	0	-1.5-1.3i	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	]
[	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	]

DHY =

[	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	0	0	0	]
[	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	0	0	]
[	0	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	0	]
[	0	0	0	2.5	0	0	0	0	0	0	0	0	0	-1.5-2i	0	]
[	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	2.5	0	]

### Case 13

NS = [ 3 , 5 ]  
 RES = [ 0.5 , 0.4 ]  
 BC = [ -2 , -2 ]  
 kinc = [ 2.2214 , 4.4429 ]

DEX =

[	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	-2-0.381i	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	-2	0	2	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	-2-0.381i	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	]	
[	0	0	0	0	0	0	0	-2-0.381i	0	-2	0	0	0	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	-2-0.381i	0	-2	0	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2-0.381i	0	-2	]

DEY =

[	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	]
[	-2.1+1.31i	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	0	]
[	0	-2.1+1.31i	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	0	]
[	0	0	-2.1+1.31i	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	]

DHX =

[	2	0	2-0.381i	0	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	0	-2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	2	0	2-0.381i	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	0	-2	2	0	0	0	0	0	0	0	0	0	0	]	
[	0	0	0	0	0	0	2	0	2-0.381i	0	0	0	0	0	0	0	]	
[	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	0	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	0	]	
[	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	2	]

DHY =

[	2.5	0	0	0	0	0	0	0	0	0	0	0	2.1+1.31i	0	0	0	]
[	0	2.5	0	0	0	0	0	0	0	0	0	0	0	2.1+1.31i	0	0	]
[	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	2.1+1.31i	0	]
[	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	]
[	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	]
[	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	0	]
[	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	0	]
[	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	0	]
[	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	0	]
[	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	0	]
[	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	0	]
[	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	0	]
[	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	0	]
[	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	0	]
[	0	0	0	0	0	0	0	0	0	0	0	-2.5	0	0	2.5	0	]